BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 10.00Lakhs

Name of Work:-Maintenance of footpaths, replacement of damaged covering slabs, kerbs and other emergency works in ward no:03 of Yelahaka Satellite Town Sub Division

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **hard soil** not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, **No. 5/ Item No. 2.4/ PWD SR 2015-16**	Cum							
	Culverts		8	6.00	1.30	1.00	62.40		
							62.40	288.36	17994.00
	Basic Rate	267.00							
	Area Weightage @ 8%	21.36							
	Total	288.36							
2	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moorum.KS RRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no136,PWD SR 2015-16)	Cum							
			Vide Item No. 1				62.40	73.44	4583.00
	Basic Rate	68.00							
	Area Weightage @ 8%	5.44							
	Total	73.44							

3	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1,4.2(Item no 4.3,Page no12,PWD SR 2015-16)	Cum							
	Culverts		8	6.00	1.30	0.15	9.36		
	Approaches concrete		8	6.00	0.55	0.15	3.96		
			8	6.00	0.50	0.15	3.60		
							16.92	**5070.60**	**85795.00**
	Basic Rate	4695.00							
	Area Weightage @ 8%	375.60							
	Total	5070.60							
4	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming etc as per specification&direction of the engineer incharge of work (pwd sr2015-16,p.no13,sno4.11)	Cum							
	For culvert bottom		8	6.00	1.00	0.20	9.60		
	Side walls		16	6.00	0.20	0.70	13.44		
	For deck slab		8	6.00	1.00	0.23	11.04		
	Approaches concrete		10	6.00	0.55	0.10	3.30		
			6	6.00	0.50	0.15	2.70		
							40.08	**6198.12**	**248421.00**
	Basic rate	5739.00							
	Add 8% AW	459.12							
	Total	6198.12							

5	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe 550(pwd sr2015-16,p.no17,s.no4.46)	Qtl							
	100 kg / cum						40.08	6980.58	279782.00
	Basic rate	6463.50							
	Add 8% AW	517.08							
	Total	6980.58							
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecificationS.Specification no.KBS 4.6.2 (pwd sr2015-16, p.no15/4.31)	Sqm							
	Side walls		32	6.00		0.90	172.80		
	Deck slab		8	6.00	0.90		43.20		
	Basic rate	284.00					216.00	306.72	66252.00
	Add 8% AW	22.72							
	Total	306.72							
7	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm							
			20	0.90	1.20		21.60		
			30	0.90	0.60		16.20		
							37.80	1498.00	56624.00

8	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.(pwd sr 2015-16,.n o25 5.30)	Nos								
			100					**100.00**	**320.76**	**32076.00**
	Basic rate	297.00								
	Add 8% AW	23.76								
	Total	320.76								
9	JCB Excavator With operator (BCSR 14-15 Page noXXXXVI Code 1031)	Day,s								
			15					15.00		
								15.00	**6720.00**	**100800.00**
10	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No 101, I.No 14.6)	Sqm								
			20	4.50	1.20			**108.00**	**934.20**	**100894.00**
	Basic rate	865.00								
	Add 8% AW	69.20								
	Total	934.20								
11	Miscellaneous charges									**6779.00**

								Total RS	1000000.00

(Rupees Ten lakhs only)

Certificate

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2015-16
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward no: 03

Assistant Executive Engineer
Yelahanka New town Sub Division
Bangalore-64

Executive Engineer
Yelahanka Division
Bangalore-64

Administrative Sanction for Rs. 10.00 Lakhs
Ten Lakhs only
vide P. 1771
2015-16
Registered as CE( ) No.
vide condition contained in
No. EE/YNU/AA/59/15-16 2-1-16
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs 10.00 L
Rupees Ten Lakhs only
Under P. 1771-2015-16
Registered as CE( ) No.
Subject to conditions contained in
enclosed memo EE( ) No.
Dt.
EE/YNL/TS/76/15-16
Dated 2-1-16 Rs. 10.00
Executive Engineer